

Ithaca, N. Y.

Apr. 29, 1923.

Dear Dr. Munz:

I have some identifications for you, but will wait until the list is a bit longer before sending it on. Things are bound to be more or less fuzzy in your part of the country and one isn't satisfied until he has examined them a good many times.

Almost anything you can find is likely to be interesting, except *Fumaria hygroscopicum*, which has a way of turning up everywhere, especially common with all conditions of climate and substratum. If you can get more material

of the other kind of *Furcraea*, the one you found in the Patate Canyon & Valley, I should be grateful for it. I think it must be undescribed, but would hesitate to name it as new without additional material, preferably from different localities. Things do vary.

For other things I should like Tortula material of other than the pretty uniform and generally distributed *T. ruralis* type. I suspect you may have some Tortulas not yet accounted for or European ones whose distribution over here is not adequately known. Other things in the Tortula relationship are adapted to your climate and most likely to turn up forms of interest and novelty. It may be you lack the

Christophane mosses, but if you find any they are likely to be new or of great interest. There are two minute forms, mostly annual, growing up quickly on soil that has been inundated and then gradually dries out. They are generally prostrate, making one species or a few closely related. We got a lot of them in Brazil. A few weeks, generally migratory, are known from isolated collections in California.

Kindly give the botanical names,

Sincerely yours,

A. S. H. Andrews.

Plants sent by Dr. Munz (including Baker Lib.)

- ✓ 3649. *Ceratodon purpureus* (L.) Brid.
- ✓ 7058. *Thuidium acuminatum* Mitt.
- ✓ 4725. *Aloina ambigua* (B. & S.)
- ✓ 5597. *Bryum capillare* L.
- ✓ 5596. *Eucladium verticillatum* (L.) B. & S.
- ✓ 3111. *Bryum argenteum* L. (mixed)
- ✓ 5982. *Bryum turbinatum* (Hedw.) Schwagr.
- ✓ 5414. *Hedwigia albicans* (Wob.) Lindb.
- ✓ 2918. *Philonotis fontana* (L.) Brid.
- ✓ 4968. *Ceratodon purpureus* (mixed)
- ✓ 4648. *Pohlia albicans* (Wohl.) Lindb.
- ✓ 3136. *Bryum argenteum*
- ✓ 5639. *Bryum turbinatum*
- ✓ 4601. *Octoblepharum albidum* (L.) Hedw.
- ✓ 3114. *Funaria hygrometrica* (L.) Schreb.
- ✓ 4723. *Bryum argenteum*
- ✓ 4724. *Funaria hygrometrica*
- ✓ 7055. *Thuidium acuminatum*
- ✓ 2833. *Anlaconium androgynum* (L.) Schwagr.
- ✓ 5409. *Wisia viridula* (L.) Hedw.
- ✓ 4084. *Funaria hygrometrica*
- ✓ 2404. " "
- ✓ 3138. " "
- ✓ 4722. *Pottia Starkiana* (Hedw.) C. M.
- ✓ 5486. *Funaria hygrometrica*

(over)

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- ✓ 5288. *Fumaria Lygnetica*.
 ✓ 3356. *Thuidium acuminatum*.
 ✓ 7034. " "
 1798. *Aula cominum androgynum* (L./Schwagr.
 ✓ 5618. *Philonotis fontana*.
 ✓ 1939. *Tortula agraria*.
 ✓ 4320. " "
 ✓ 6068. *Philonotis fontana*.
 ✓ 5519. *Tortula Mülleri* (B. & S.)
 ✓ 5594. *Tortula incurva* Mont.
 ✓ 5362. *Fumaria Lygnetica*.
 ✓ 5563. " "
 ✓ 2408. *Tortula ruralis* (L.) Ehrh.
 ✓ 2285. *Bartramia stricta* Brid.
 ✓ 2286. *Fissidens incurvus* Stokes. (mixed).
 ✓ 2282. *Tortula ruralis*.
 ✓ 5592. *Tortula Mülleri*.
 ✓ 4685. *Tortula ruralis*.
 ✓ 2831. *Bryum turbinatum* (mixed with at least one other species) (Bryum).
 ✓ 4863. *Dematodon obtusifolius* Schimp.
 ✓ 2563. *Phyllogonium fulgens*. (mixed).
 ✓ 2287. *Bryum californicum* Sull. (probably = *B. atropurpureum* W. & M.)
 ✓ 2283. *Grimmia puberula* Smith.
 ✓ 5593. " " "
 ✓ 2405. " " "
 ✓ 4864. " " "
 ✓ 3/35 { *Fumaria Lygnetica*
 Bryum californicum.